

UNIFIED PROGRAM CONSOLIDATED FORM*

HAZARDOUS WASTE

CERTIFICATION OF FINANCIAL ASSURANCE

FOR PERMIT BY RULE AND CONDITIONALLY AUTHORIZED ONSITE TREATERS

* This form is for use in counties where there is no CUPA and DTSC is authorized to continue its authority pursuant to HSC section 25404.3(d)(2).

☐ a. Initial Certification ☒ b. Amended Certification ☐ c. Annual Certification

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I. FACILITY IDENTIFICATION (Put an asterisk in the left margin next to the amended information)

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

3

Electronic Chrome and Grinding Co. Inc.

FACILITY ID#

C A D 0 0 8 3 9 1 4 2 7

FACILITY EP ID#

2

TYPE OF OPERATION

☐ a. PBR-FTU☒ b. CA☐ c. Other

701

II. ESTIMATED CLOSURE COSTS

NOTE: In addition to the dollar figure below, a written estimate of closure costs must be attached when you submit this section of this page.

702

ESTIMATED CLOSURE COSTS \$ 6,984

III. EXEMPTION FROM FINANCIAL ASSURANCE REQUIREMENTS

1. I am not required to provide a mechanism because:

☒ a. I certify that my closure cost estimate is less than or equal to \$10,000, or

703

704

☐ b. Specify other reasons☐ 2. As a PBR owner or operator, I have not operated more than thirty days in a calendar year. (Does not apply to Conditional Authorization)

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IV. CLOSURE FINANCIAL ASSURANCE MECHANISM

☐ I am required to provide a mechanism and it is attached to this page.

706

MECHANISM ID NUMBER(S):

708

EFFECTIVE DATE OF CLOSURE ASSURANCE MECHANISM

707

MECHANISM TYPE

☐ a. Closure Trust Fund☐ d. Closure Insurance☐ g. Multiple Financial Mechanisms

709

(Check one item only)

☐ b. Surety Bond☐ e. Financial test and Corporate Guarantee☐ h. Certificate of Deposit☐ c. Closure Letter of Credit☐ f. Alternative Mechanism☐ i. Saving Account

FINANCIAL INSTITUTION, INSURANCE OR SURETY COMPANY/ OTHER ORGANIZATION

710

ADDRESS

711

CITY

712

STATE

713

ZIP CODE

714

V. OWNER OR OPERATOR CERTIFICATION

SIGNER OF THIS CERTIFICATION

☒ a. Owner☐ b. Operator

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. (22 CCR Section 66270.11)

SIGNATURE OF OWNER/OPERATOR

DATE

716

NAME OF OWNER/OPERATOR (Print)

717

TITLE OF OWNER/OPERATOR

718

Mike Reed

Vice President/General Manager

UNIFIED PROGRAM CONSOLIDATED FORM
ONSITE TIERED PERMITTING

CONDITIONALLY AUTHORIZED (CA) PAGE
WASTE AND TREATMENT PROCESS COMBINATIONS

(one page per treatment unit - check all that apply))

Unit ID# 001

606

Facility ID# CAD008391427

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1. Aqueous wastes, hazardous solely due to inorganic constituents, except asbestos, listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 1,400 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment using: 618
- ☒ a. Phase separation, including precipitation, by filtration, centrifugation, or gravity settling, including the use of demulsifiers and flocculants.
- ☐ b. Ion exchange, including metallic replacement
- ☐ c. Reverse osmosis
- ☐ d. Adsorption
- ☐ e. pH adjustment of aqueous waste with a pH of between 2.0 and 12.5
- ☐ f. Electrowinning of solutions, unless those solutions contain hydrochloric acid
- ☒ g. Reduction of solutions hazardous solely due to hexavalent chromium, to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous chloride, ferrous sulfate, ferrous sulfide, or sulfur dioxide. The solution contains less than 750 ppm of hexavalent chromium.
2. Aqueous wastes, hazardous solely due to organic constituents listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (2)(B) and which contain less than 750 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment using:
- ☐ a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Adsorption
3. Sludges resulting from wastewater treatment, dusts, solid metal objects, and metal workings which are hazardous solely due to the presence of constituents, except asbestos, listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (a)(2)(A) and which, for dusts only, contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment using:
- ☐ a. Physical processes which constitute treatment only because they change the physical properties of the waste, such as filtration, centrifugation, gravity settling, grinding, shredding, crushing, or compacting.
- ☐ b. Drying to remove water.
- ☐ c. Separation based on differences in physical properties, such as size, magnetism, or density.
4. Alum, gypsum, lime, sulfur, or phosphate sludges. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment using:
- ☐ a. Drying to remove water.
- ☐ b. Phase separation by filtration, centrifugation, or gravity settling.
5. Special wastes listed in Title 22, CCR, Section 66261.120 that meet the criteria in Title 22, CCR, Section 66261.122 which is hazardous solely due to the constituents, except asbestos, listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment using:
- ☐ a. Drying to remove water.
- ☐ b. Phase separation by filtration, centrifugation, or gravity settling.
- ☐ c. Screening to separate components based on size.
- ☐ d. Separation based on differences in physical properties, such as size, magnetism, or density.
6. Special wastes classified under Title 22, CCR, Section 66261.124 as special wastes, except asbestos, which is hazardous solely due to the constituents, except asbestos, listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment using:
- ☐ a. Drying to remove water.
- ☐ b. Phase separation by filtration, centrifugation, or gravity settling.
- ☐ c. Magnetic separation
7. Soils contaminated with metals listed in Title 22, CCR, Section 66261.24(a)(2)(A). The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment using:
- ☐ a. Screening to separate components based on size.
- ☐ b. Magnetic separation.
8. Oil mixed with water and oil/water separation sludges. (There is no volume limit for this wastestream.) Treatment using: (NOTE: Some used oil/water separation is allowed under the CEL category.)
- ☐ a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction, including the use of demulsifiers and flocculants. Heat can be used, but must not exceed 160 degrees Fahrenheit.
- ☐ b. Separation based on differences in physical properties, such as size, magnetism, or density.
- ☐ c. Reverse osmosis.
9. Neutralization of acidic or alkaline wastes, hazardous solely due to corrosivity, or toxic only from the acid or caustic material, in elementary neutralization units. (There is no volume limit for this wastestream.)
- ☐ a. The waste contains less than 10 percent acid or base constituents by weight. There is no volume limit for this category.
- ☐ b. The waste contains 10 percent or more acid or base constituents by weight and is treated in batches that do not exceed 500 gallons at one time.
10. Not in use/exempted—formerly recovery of silver from photofinishing.
11. Not in use/sunsetted—formerly treatment of spent cleaners and conditioners which are hazardous solely due to copper or copper compounds. Treatment of this wastestream is no longer allowed under Conditional Authorization as of January 1, 1998. Treatment of this wastestream now requires authorization under either Permit by Rule or, if the total volume treated is less than 55 gallons per month, under Conditionally Exempt Small Quantity Treatment.
12. A wastestream technology combination certified by the Department pursuant to Section 25200.1.5 of the Health and Safety Code as appropriate for authorization under Conditional Authorization.

Certified Technology Number

certification, the owner/operator is not guaranteeing the technical adequacy of closure, but rather that the Closure Plan was carried out.

B. Professional Engineer Closure Certification

An independent registered professional engineer will certify that the treatment facility has been closed in accordance with the approved Closure Plan. The engineer will not be certifying the adequacy of the activities of the plan; he (she) is certifying only that in his (her) judgment, the activities performed were in accordance with the specifications in the Closure Plan.

VI. CLOSURE SCHEDULE AND COST ESTIMATE

Upon beginning of closure all wastewater that requires treatment will be treated per normal operating procedures that have been documented in another section of the permit application. The remaining wastewater that cannot be treated is estimated to be 100 gallons.

A. Wastewater Pretreatment Unit

1. Transfer 100 gallons of wastewater to drums and dispose as hazardous waste (1 week required)

a. Disposal Cost	2 tons @ \$450.00/ton	=	\$900
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2. Decontaminate equipment, containment area, and structure (2 weeks required)

a. Analytical Cost		=	\$400
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b. Labor	80 hours @ \$4.50/hour	=	\$360
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3. Dismantle the equipment and structure (4 weeks required)

a. Crane Rental	16 hours @ \$60.00/hour	=	\$960
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b. Labor	200 hours @ \$4.50/hour	=	\$900
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4. Disposal of equipment and structure (2 weeks required)

a. Disposal Cost (metal) (offset by the salvage value of steel)		=	\$0
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b. Disposal Cost	4 tons @ \$300.00/4 tons	=	\$300
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c. Engineering Fees	20 hours @ \$75.00/hour	=	\$1,500
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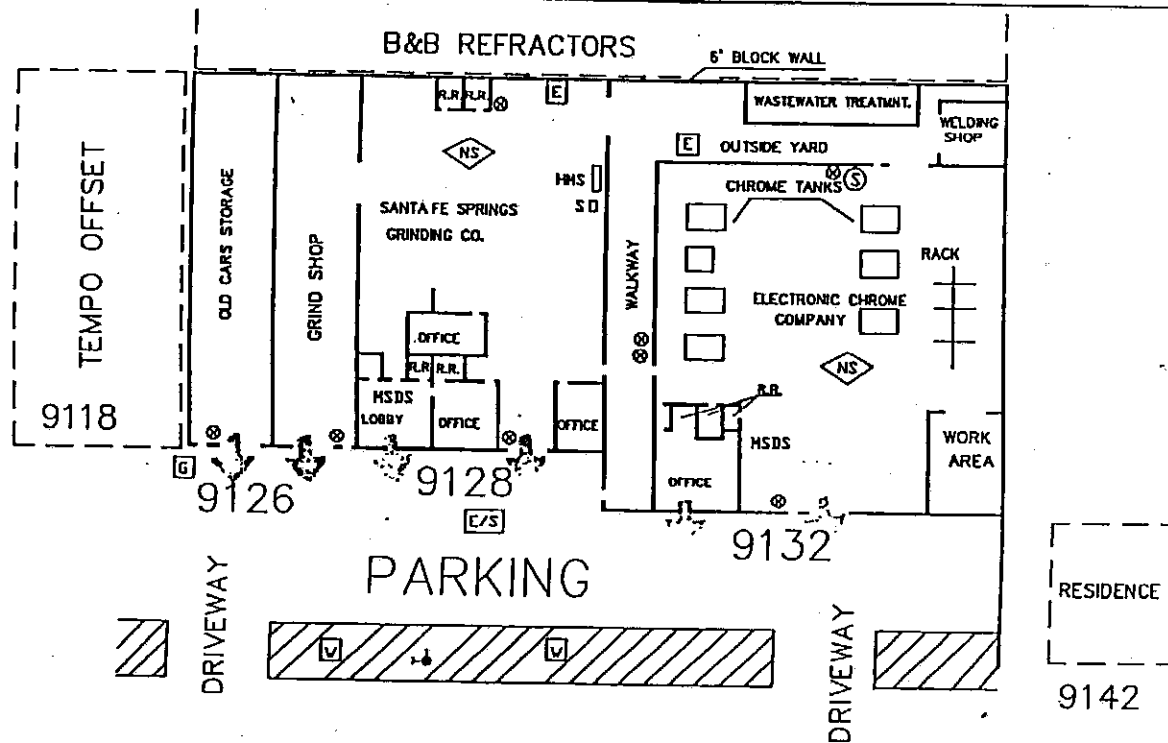
5. Permit fees (estimated) = \$500

B. Totals

1. Total time required to close FTUs is 9 weeks
2. Cost to close FTUs = \$5,820
3. Contingency (at 20%) = \$1,164
4. Total cost = \$6,984

LEGEND

- FIRE HYDRANT
- FIRE EXTINGUISHER
- MSDS MSDS STORAGE AVAILABLE
- EVACUATION STAGING AREA
- ELECTRICAL SHUT-OFF
- WATER SHUT-OFF
- SAFETY SHOWERS - EYE WASH
- NON SPRINKLED BLDG.
- HMS HAZARDOUS MATERIAL STORAGE
- SD ORGANIC SOLVENT
- GAS SHUT-OFF



DICE ROAD

scale



9115
A C INTERNATIONAL

TRAMEL CROW

BAB-CAN CONSULTING
P.O. BOX 1011, OFF. OF INDUSTRIAL, CA 91704
(714) 941-1040

SITE PLAN

ELECTRONIC CHROME &
GRINDING CO. INC.
9126, 9832 DICE RD.
SANTA FE SPRINGS, CA 90670

8/31/91
J. KARAN

P.B.R.

UNIFIED PROGRAM CONSOLIDATED FORM HAZARDOUS WASTE ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION - FACILITY PAGE

BUSINESS NAME (Same as FACILITY NAME or DBA Doing Business As)		FACILITY ID#		Page <u> </u> of <u> </u>									
Electronic Chrome and Grinding Co. Inc.		C A D 00 8 3 9 1 4 2 7											
II. STATUS													
NOTIFICATION STATUS 600				PERMIT STATUS (Check all that apply) 601									
<input checked="" type="checkbox"/> a Amended <input type="checkbox"/> b Initial <input type="checkbox"/> c Renewal (PBR Only)				<input type="checkbox"/> a Facility Permit <input type="checkbox"/> b Interim Status <input type="checkbox"/> c Standardized Permit <input type="checkbox"/> d Variance <input type="checkbox"/> e Consent Agreement									
III. NUMBER OF UNITS AT FACILITY													
(Indicate the number of units you operate in each tier, attach one unit notification page for each unit except CE-CL)													
A	Conditionally Exempt - Small Quantity Treatment (CESQT) (May not function under any other tier)										0	602	
B	Conditionally Exempt Specified Wastestream (CESW)										0		
C	Conditionally Authorized (CA)										1		
D	Permit by Rule (PBR)										0		
E	Conditionally Exempt - Limited (CEL)										0		
F	Conditionally Exempt Commercial Laundry (CE-CL) (No unit page is required for laundries)										0		
G	TOTAL UNITS (Must equal the number of unit notification pages attached plus the number of CE-CL units)										1		
IV. CERTIFICATION AND SIGNATURE													
<p><u>Waste Minimization</u> I certify that I have a program in place to reduce the volume, quantity and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.</p> <p><u>Tiered Permitting Certification</u> I certify that the unit or units described in these documents meet the eligibility and operating requirements of state statutes and regulations for the indicated permitting tier, including generator and secondary containment requirements. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.</p> <p>I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.</p>													
SIGNATURE OF OWNER/OPERATOR								DATE 603					
<i>Mike Reed</i>								2-16-00					
NAME OF OWNER/OPERATOR								TITLE OF OWNER/OPERATOR 605					
Mike Reed								Vice President, General Manager					
REQUEST FOR SHORTENED REVIEW PERIOD (CE and CA only) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No State Reason for Request													
V. ATTACHMENTS (Check if attached)													
ALL tiers except CE-CL (Laundries) must submit: <input checked="" type="checkbox"/> 1 One unit specific notification page and one treatment process page per unit <input checked="" type="checkbox"/> 2 Plot Plan (or other grid/map) PBR & CA ONLY: <input checked="" type="checkbox"/> 1 Closure Financial Assurance (formerly DTSC form 1232) <input checked="" type="checkbox"/> Self Certified (< \$10,000) <input type="checkbox"/> Other mechanism <input type="checkbox"/> 2 Prior Enforcement History, if applicable								PBR ONLY <input type="checkbox"/> 1 Tank and container certifications, if required <input type="checkbox"/> 2 Notification of local agency or agencies <input type="checkbox"/> 3 Notification of property owner, if different from business owner					

**UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS WASTE
ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION - UNIT PAGE**

(one page and attachments per unit)

FACILITY ID#	BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	Page <u> </u> of <u> </u>
C A 0 0 0 8 3 9 1 4 2 7	Electronic Chrome and Grinding Co. Inc	3

I. TREATMENT UNIT

UNIT ID# 001	UNIT TYPE/TIER <input type="checkbox"/> a CESQT <input type="checkbox"/> b CESW <input checked="" type="checkbox"/> c CA <input type="checkbox"/> d PBR <input type="checkbox"/> e CEL	NUMBER OF TANKS 10	NUMBER OF CONTAINERS/ TREATMENT AREAS 0
UNIT NAME Chrome Reduction Unit		MONTHLY TREATMENT VOLUME 1,500	UNIT OF MEASURE <input type="checkbox"/> a Pounds <input checked="" type="checkbox"/> b Gallons

SPECIFIC WASTE TYPE TREATED (narrative)	613
Hexavalent chrome reduction	

TREATMENT PROCESS DESCRIPTION (narrative)	614
pH adjustment, chrome reduction, coagulation/flocculation, gravity settling, and filter press	
(NOTE: for each treatment unit, complete and attach the appropriate Waste And Treatment Process Combinations page)	

II. BASIS FOR NOT NEEDING FEDERAL PERMIT (Check all that apply)

<input checked="" type="checkbox"/> a. The treated waste is not a hazardous waste under federal law (California-only waste). <input type="checkbox"/> b. Treated in waste water treatment units (tanks) and discharged to a publicly owned treatment works (POTW)/ sewerage agency or under an NPDES permit. <input type="checkbox"/> c. Treatment in elementary neutralization units. <input checked="" type="checkbox"/> d. Treatment in a totally enclosed treatment facility. <input type="checkbox"/> e. Federal conditionally exempt small quantity generator (generated 100 kg, approximately 27 gallons, or less of hazardous waste in a calendar month).	<input type="checkbox"/> f. Treatment in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. <input type="checkbox"/> g. Recyclable materials are reclaimed to recover silver or other precious metals. <input type="checkbox"/> h. Empty container rinsing and/or treatment. <input type="checkbox"/> i. Other (specify below)	615
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III. RESIDUALS MANAGEMENT DESCRIPTION (Check all that apply)

<input type="checkbox"/> a. Discharge non-hazardous aqueous waste to POTW or sewer. <input type="checkbox"/> b. Discharge non-hazardous aqueous waste under a NPDES permit. <input type="checkbox"/> c. Dispose of non-hazardous solid waste residues at an offsite location.	Residual hazardous waste hauled offsite by a registered hauler. <input type="checkbox"/> d. Offsite recycling <input type="checkbox"/> e. Thermal treatment <input checked="" type="checkbox"/> f. Disposal to land <input type="checkbox"/> g. Further treatment <input checked="" type="checkbox"/> h. Other method of disposal (describe below) Reuse wastewater	616
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SECONDARY CONTAINMENT INSTALLATION DATE (If required)	617
Included in original installation	